THE AMERICAN JOURNAL **OF PATHOLOGY**

Official Publication of The American Association of Pathologists and Bacteriologists

BOARD OF EDITORS

FRANK B. MALLORY, EDITOR-IN-CHIEF

JAMES W. JOBLING FREDERIC PARKER, JR.

HOWARD T. KARSNER

H. GIDEON WELLS

PAUL A. LEWIS

GEORGE H. WHIPPLE

HANS ZINSSER

VOLUME VIII

1932

BOSTON MASSACHUSETTS U. S. A.

COPYRIGHT, 1932

BY THE AMERICAN ASSOCIATION

OF PATHOLOGISTS AND BACTERIOLOGISTS

PRINTED AT THE HARVARD UNIVERSITY PRESS CAMBRIDGE, MASS., U. S. A.

CONTENTS OF VOLUME VIII

JANUARY, 1932. NUMBER 1

Renal Lesions in the Toxemias of Pregnancy. $E.\ T.\ Bell.$ Plates 1–3	1
INFECTIOUS ORAL PAPILLOMATOSIS OF DOGS. W. A. DeMonbreun and E. W. Goodpasture. Plates 4-7	43
TULAREMIC ENCEPHALITIS. PATHOLOGY OF ACUTE TULAREMIA WITH	43
Brain Involvement and Coexisting Tuberculosis. F. W. Hartman. Plates 8, 9	57
A STUDY OF VACCINE VIRUS PNEUMONIA IN RABBITS. R. S. Muckenfuss, H. A. McCordock, and J. S. Harter. Plates 10-13	63
THE FREQUENCY OF ANOMALOUS RETICULA IN THE RIGHT ATRIUM OF THE HUMAN HEART "CHIARI NETWORK." REPORT OF EIGHT CASES. Ferdinand C. Helwig. Plates 14-17	73
SYPHILITIC AORTIC ENDOCARDITIS AND SUPERIMPOSED BACTERIAL (STREP- TOCOCCUS VIRIDANS) ENDOCARDITIS. E. B. Craven, Jr. Plate 18.	81
QUANTITATIVE OBSERVATIONS ON THE VALVES OF THE HUMAN HEART. Paul Gross and Robert A. Moore. Plate 19	91
FORMATION OF BONE MARROW IN THE SUPRARENAL GLAND. Donald C. Collins. Plate 20	97
Multiple Infarcts and Necroses of the Spleen (Fleckmilz). Geoffrey Rake	107
Tumors in Captive Primates. Report of Two Cases. Herbert L. Ratcliffe. Plate 21	117
MARCH, 1932. NUMBER 2	
INTRANUCLEAR AND CYTOPLASMIC INCLUSIONS ("PROTOZOAN-LIKE BODIES") IN THE SALIVARY GLANDS AND OTHER ORGANS OF INFANTS. Sidney Farber and S. Burt Wolbach. Plates 22, 23	
YELLOW FEVER ENCEPHALITIS OF THE MONKEY (MACACUS RHESUS). Ernest W. Goodpasture. Plates 24-26	123
THE OCCURRENCE OF INTRANUCLEAR INCLUSIONS IN MONKEYS UNAC-	137
COMPANIED BY SPECIFIC SIGNS OF DISEASE. W. P. Covell. Plate 27 ANATOMICAL CHANGES IN THE LIVERS OF DOGS FOLLOWING MECHANICAL	115
CONSTRICTION OF THE HEPATIC VEINS. J. P. Simonds and J. W. Callaway. Plate 28	159
TORULA INFECTION. A REVIEW AND REPORT OF TWO CASES. James W. Watts. Plates 29-33	167
STUDIES OF EXPERIMENTAL MUSCLE DEGENERATION. I. FACTORS IN THE PRODUCTION OF MUSCLE DEGENERATION. D. K. Fishback and H. R.	
Fishback. Plate 24.	103

1	STUDIES OF EXPERIMENTAL MUSCLE DEGENERATION. II. STANDARD METHOD OF CAUSATION OF DEGENERATION, AND REPAIR OF THE INJURED MUSCLE. D. K. Fishback and H. R. Fishback. Plates 35, 36	211
,	VITAL STAINING OF THE RABBIT'S AORTA IN THE STUDY OF ARTERIO- SCLEROSIS. G. Lyman Duff	210
•	THE EFFECT OF CABBAGE FEEDING ON THE MORPHOLOGY OF THE THYROID OF RABBITS. Isolde T. Zeckwer. Plate 37	235
	A Technique of Silver Impregnation for General Laboratory Purposes. Nathan Chandler Foot and Ellen Bellows Foot. Plate 38	245
1	THE QUESTION OF A SPECIFIC MYOCARDIAL LESION IN HYPERTHYROIDISM (BASEDOW'S DISEASE). William Lewis. Plate 39	255
	MAY 1022 MUMBER 2	
	MAY, 1932. NUMBER 3	
	OSTEITIS FIBROSA. F. J. Lang. Plates 40, 41	263
•	VACCINAL INFECTION OF THE CHORIO-ALLANTOIC MEMBRANE OF THE CHICK EMBRYO. E. W. Goodpasture, Alice M. Woodruff, and G. J.	
	Buddingh. Plates 42-45	271
•	LOGICAL AND BACTERIOLOGICAL STUDIES. B. J. Clawson and Mac- nider Wetherby. Plates 46, 47	283
	A METHOD FOR PROGRESSIVE SELECTIVE STAINING OF NISSL AND NUCLEAR	
	SUBSTANCE IN NERVE CELLS. Larus Einarson. Plates 48-50	295
	Concerning the Histology of Melanoma. Nathan Chandler Foot. Plates 51-53	309
•	Concerning the Histology of Melanoma. II. With Special Consideration as to the Nervous Elements of the Tumor. Nathan Chandler Foot. Plates 54-56	
1	Histochemical Studies by Microincineration of Normal and Neo-	321
	PLASTIC TISSUES. Gordon H. Scott and E. S. Horning. Plates 57, 58	329
	A Case of Multiple Papillomata of the Larynx with Aerial Me- tastases to Lungs. Henry B. Hitz and Ernst Oesterlin. Plate 59.	333
]	LUMBOSACRAL TERATOMA ASSOCIATED WITH SPINA BIFIDA OCCULTA. REPORT OF A CASE WITH REVIEW OF THE LITERATURE. Paul C.	
	Bucy and H. E. Haymond. Plates 60, 61	339
	MICROCOCCUS PHARYNGIS SICCUS ENDOCARDITIS. Irving Graef, Clarence E. de la Chapelle, and Margaret C. Vance. Plate 62	347
	EFFECT OF RADIUM EMANATION ON THE HISTOCYTE IN THE LIVER OF THE WHITE RAT. George M. Higgins and J. C. Thomas Rogers.	
	Plates 63, 64	355
	JULY, 1932. NUMBER 4	
	EXPERIMENTAL AND SPONTANEOUS SCHWANNOMAS (PERIPHERAL GLI- OMAS). I. EXPERIMENTAL SCHWANNOMAS. P. Masson. Plates 65, 66	367
	EXPERIMENTAL AND SPONTANEOUS SCHWANNOMAS (PERIPHERAL GLI-	307
	omas). II. Spontaneous Schwannomas. P. Masson. Plates 67-73	389

CONTENTS	vii

THE ORIGIN OF EPITHELIUM-LINED BLOOD CYSTS (CHOCOLATE CYSTS) OF THE OVARY FROM THE GRAAFIAN FOLLICLE AND ITS DERIVATIVES. E. S. J. King. Plates 74-76	417
Melitensis Meningo-Encephalitis. Mycotic Aneurysm Due to Brucella Melitensis Var. Porcine. G. H. Hansmann and J. R. Schenken. Plates 77-80	435
AN INSTANCE OF ADAMANTINOMA OF THE JAW WITH METASTASES TO THE RIGHT LUNG. Jefferson Vorzimer and David Perla. Plates 81, 82.	445
Transient Pachymenia of the Intima of the Aorta with Reference to Juvenile Arteriosclerosis. $\it C.\ Magarinos\ Torres.$ Plate 8_3 .	455
CEDTEMBER 1022 MUMBER 5	
SEPTEMBER, 1932. NUMBER 5	
MELANOMA STUDIES. I. THE DOPA REACTION IN GENERAL PATHOLOGY. George F. Laidlaw. Plates 83-87	477
Melanoma Studies. II. A Simple Technique for the Dopa Reaction. George F. Laidlaw and Solon N. Blackberg	491
A STUDY OF THE REPAIR OF ARTICULAR CARTILAGE AND THE REACTION OF NORMAL JOINTS OF ADULT DOGS TO SURGICALLY CREATED DEFECTS OF ARTICULAR CARTILAGE, "JOINT MICE" AND PATELLAR DISPLACEMENT. Granville A. Bennett and Walter Bauer, with the surgical assistance of Stephen J. Maddock. Plates 88-98	400
STUDIES IN THE PATHOLOGY OF DEVELOPMENT. II. SOME ASPECTS OF DEFECTIVE DEVELOPMENT IN THE DORSAL MIDLINE. N. William Ingalls. Plates 99-101	525
STUDIES ON THE NATURE OF THE NEGRI BODY. W. P. Covell and W. B. C. Danks. Plates 102, 103	557
THE CIRCULATION IN THE PANCREATIC LOBULE AFTER PARTIAL VENOUS OBSTRUCTION. James S. P. Beck and Paul Peterson. Plates 104, 105	573
A SIMPLE METHOD FOR STUDYING THE CYTOLOGY OF THE INFECTIOUS MYXOMA OF THE RABBIT. Margaret Reed Lewis and Raymond E.	
Gardner SCIENTIFIC PROCEEDINGS OF THE THIRTY-SECOND ANNUAL MEETING OF	583
THE AMERICAN ASSOCIATION OF PATHOLOGISTS AND BACTERIOLOGISTS	589
NOVEMBER, 1932. NUMBER 6	
GLOMERULAR LESIONS ASSOCIATED WITH ENDOCARDITIS. E. T. Bell. Plates 106–108	639
GLOMERULAR CHANGES IN THE KIDNEYS OF RABBITS AND MONKEYS INDUCED BY URANIUM NITRATE, MERCURIC CHLORIDE AND POTASSIUM BICHROMATE. Warren C. Hunter and Joe M. Roberts. Plates 109-111	665
HISTOLOGICAL STUDIES OF HYPERSENSITIVE REACTIONS. Louis Dienes and Tracy B. Mallory. Plates 112, 113	689
A HISTOCHEMICAL STUDY BY MICROINCINERATION OF THE INCLUSION BODY OF FOWL-POX. W. B. C. Danks. Plate 114	711

CONTENTS

MEDIONECROSIS AORTAE IDIOPATHICA CYSTICA. Alan Richards Moritz. Plates 115, 116	
MESENTERIUM COMMUNE WITH INTESTINAL OBSTRUCTION. Alan Richards Moritz. Plate 117	
FIBROCYSTIC DISEASE OF THE BONES ASSOCIATED WITH TUMOR OF A PARATHYROID GLAND. REPORT OF A CASE. Raymond S. Rosedale. Plate 118.	
A STUDY OF THE PATHOGENICITY OF THE BACILLUS OF CALMETTE-GUÉRIN (B.C.G.). William H. Feldman. Plates 119, 120	
TWO SIMPLE METHODS FOR THE SILVER IMPREGNATION OF NERVE FIBERS IN PARAFFIN SECTIONS OF THE CENTRAL AND PERIPHERAL NERVOUS SYSTEM. Nathan Chandler Fool. Plate 121	769
THE EFFECT OF DIFFERENT TYPES OF FIXATION ON THE SILVER IMPREGNATION OF PARAFFIN SECTIONS OF PERIPHERAL NERVE. Nathan Chandler Foot. Plate 122	777
SILVER IMPREGNATION OF GLIA AND NERVE FIBERS IN PARAFFIN SECTIONS AFTER FORMALIN FIXATION. Helenor Cambbell Wilder. Plate 122	785